

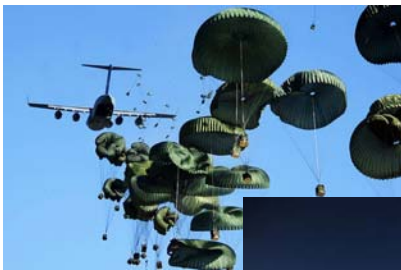


Panel #22 – Acquisition and Logistics Support of Disaster Relief and Homeland Security

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Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE APR 2011		2. REPORT TYPE		3. DATES COVERED 00-00-2011 to 00-00-2011	
4. TITLE AND SUBTITLE Acquisition and Logistics Support of Disaster Relief and Homeland Security				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Office of the Chief of Naval Operations, Supply, Ordnance, & Logistics Operations Division (N41), 2000 Navy Pentagon, Washington, DC, 20350-2000				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES Presented at the Naval Postgraduate School's 8th Annual Acquisition Research Symposium, 10-12 May 2011, Seaside, CA					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 15	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			



Agenda

- Overview
 - Humanitarian Assistance/Disaster Relief (HA/DR): Revisiting the Approach
 - Recent HA/DR Operations
 - Defense Support of Civilian Authorities (DSCA)
 - Academics to Application
- Panel Speakers & Topics
 - “Strategy for Logistics in Case of a Natural Disaster”
 - “An Analysis of U.S. Navy Humanitarian Assistance and Disaster Relief Operations”
 - “Paying for Military Support in Humanitarian Assistance & Disaster Response - A Cost Analysis and Planning Model”
 - “When Disaster Strikes: Is Logistics & Contracting Support Ready?”
- Wrap-Up



Overview

- Humanitarian Assistance/Disaster Relief (HA/DR): Revisiting the Approach
- Recent HA/DR Operations
- Defense Support of Civilian Authorities (DSCA)
- Academics to Application



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HA/DR: Revisiting the Approach

- DoD & the HA/DR Mission
- How Well has DoD Utilized Resources and its Capability to Respond?
- Planning vs. Ad Hoc Reacting
- Collaboration & Synergy
- Exercises & Wargames
- Efficiency



Recent HA/DR Operations

- **Haiti - Operation Unified Response (January 12, 2010):**
 - 7.0 magnitude earthquake with est. 220,000 casualties
- **Lessons Learned:**
 - HA/DR missions are logistics-centric and require a synchronized response
 - Too much delay in delivery of needed supplies and equipment; the need exists to establish the logistics pipeline earlier in the mission.
 - Working with a Lead Federal Agency is complex; the need exists to improve our ability to understand, communicate, and operate within the Joint, Interagency, Intergovernmental, NGO, and MN environment.



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Recent HA/DR Operations

- **Japan - Operation TOMODACHI (March 11, 2011)**
 - 9.0 magnitude earthquake; est. 14,000 casualties
- **Lessons Learned (in progress):**
 - Centralized planning, decentralized execution.
 - Lack of communication and coordination between stakeholders leads to sub-optimized processes and inefficient support.
 - HA/DR-specific planning is essential in ensuring timely, focused operation execution
 - A well-defined strategy would avoid “reinventing the wheel”.



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DSCA

- Defense Support of Civil Authorities (DSCA)
 - DoD disaster relief assistance in support of the U.S. and its territories (HA/DR = OCONUS, DSCA = CONUS)
- Lessons Learned from DSCA exercises:
 - Potential “contract fratricide” as DoD, interagency, state, and local community leaders vie for the same commercial commodities and services within the affected region
 - To logistically set the joint operations area, the need exists to quickly establish the capability to execute logistics functions associated with Joint Reception, Staging, Onward Movement, and Integration (JRSOI), as well as initial logistics sustainment of DoD DSCA Response Forces

DSCA and HA/DR Share Similar Challenges



Academics to Application

- Holistic Approach to improving HA/DR Response
 - Collaboration
 - Info Management
 - Political/Social considerations
 - Hard Power Assets to Achieve Soft Power Goals
- Strategy
 - DoD responds all the time, but does it do it well?
 - HA/DR Planning: Empirical Studies and Scientific Research
- Contracting
 - Acquisition Methods
 - Contingency Contracting
- Funding
 - The need for Efficiency
 - Budgeting: Prepositioned vs. Response





Panel Speakers & Topics

- Dr. Keenan Yoho, NPS
 - “Strategies for Logistics in Case of a Natural Disaster”
- LT Cullen Greenfield and LT Cameron Ingram, MBA Students
 - “An analysis of U.S. Navy Humanitarian Assistance and Disaster Relief Operations”
- LCDR Stephen Ures, MBA Student
 - “Paying for Military Support in Humanitarian Assistance and Disaster Response – A Cost Analysis and Planning Model”
- Dr. Aruna Apte, NPS
 - “When Disaster Strikes: Is Logistics and Contracting Support Ready?”



Wrap-Up

- Questions?
- Closing Comments





Back-Up Slides



Strategies for Logistics in Case of a Natural Disaster

- Investigate Correlation Between Policy Options and Disaster Classification

Policy Options

1. Prepositioning Supplemental Resources
2. Preemptive as well as Phased Deployment of Assets
3. Surge of Supplies and Services

Disaster Classification

1. Localization
(Dispersed or Local)
2. Speed of Onset
(Slow or Sudden)

- Challenge:
 - Utilization of scarce resources and assets to most effectively respond to a natural disaster
- Way Ahead:
 - Creation of a Theoretical Matrix and Designation of Policies Based on Disaster Type will Facilitate the Policy Makers' Decision Process



An Analysis of U.S. Navy Humanitarian Assistance and Disaster Relief Operations

- Investigate different disaster responses by:
 - Determining common disaster traits
 - Cataloguing assets deployed and duration of stay time
 - Examining the capabilities of each deployed asset
- History of U.S. Navy Humanitarian Assistance and Disaster Relief (HA/DR) Operations
- U.S. Naval Fleet Force Structure
 - Potential opportunities to reshape in order to improve operational effectiveness with respect to HA/DR operations
- Current Hard Power assets that may be effective in achieving Soft Power and Humanitarian goals



Paying for Military Support in Humanitarian Assistance & Disaster Response

- HA/DR: Now a Core Mission of DoD
- DoD's Unique Assets and Competencies
 - Perfectly positioned to respond to major, sudden-onset disasters
- Cost Analysis
 - Examine U.S. Navy's Participation in HA/DR
 - 2004 Indian Ocean tsunami
 - 2010 Haiti earthquake
 - 2010 Pakistan Floods
 - Analyze effectiveness of using DoD's contingency operations cost model to support HA/DR operations
- Planning Model
 - Investigate the potential for a more representative planning tool for future operations



When Disaster Strikes: Is Logistics and Contracting Support Ready?

- Haiti Relief Effort: Planning and Management of DoD's Logistics and Contract Capability in Real-World Response
 - Efficient Delivery of Goods and Services
 - Logistics and Contracting Support for Contingency
- Challenges:
 - Managing Supply Chains in Emergency Relief Operations
 - Efficiently Reacting Within the Constraints of Resources (e.g. Budget, Manpower)
- Way Ahead:
 - Synthesize Analysis of Recent DoD Humanitarian Assistance Operations to Improve Response Capability for Future Crisis Responses